LATERAL STOCKWATER PIPELINE HYDRAULIC COMPUTATION WORKSHEET

Job de	_and user Field Office										
							,				
(1) Station	(2) Reach Length (ft)	(3) Pipe Elev.	(4) Design Flow Rate (gpm)	(5) Nominal Pipe Diameter (in)	(6) Pipe Type	(7) Pipe Pressure Rating (psi)	(8) Friction Factor H _r /100ft (ft/100)	(9) Reach Total H _f (ft) (2)/100 x (8)	(10) HGL Elev. (from CP elev)	(11) Max. Pressure on Pipe (psi) (10) - (3) x .433	Comments
											at main
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Land user							
Job description							
Farm No	Date	Checked by	Date				
Designer	Date	Checked by	Date				
HGL at mainline	_						
Pump OFF elevation (Automatic pressure system only)							
Flow in lateral - OFF elevation (manual, timed or gravity)							
Critical point along lateral (CP): Station Elevation							
Clearance Head (CH) at critical point: ft x .433 = psi							
Minimum required HGL at CP = CP elevation + CH ft = + =							